



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/026,843	12/30/2004	Paul S. Neuman	RA 5494 (USYS.070PA)	6127
27516	7590	05/10/2007	EXAMINER	
UNISYS CORPORATION			LANE, JOHN A	
MS 4773			ART UNIT	PAPER NUMBER
PO BOX 64942			2185	
ST. PAUL, MN 55164-0942				
			MAIL DATE	DELIVERY MODE
			05/10/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	11/026,843	NEUMAN, PAUL S.	
<b>Examiner</b>	<b>Art Unit</b>		
Jack A. Lane	2185		

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 30 December 2004.

2a)  This action is **FINAL**.                    2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## **Disposition of Claims**

4)  Claim(s) 1-27 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) \_\_\_\_\_ is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a))

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5)  Notice of Informal Patent Application  
6)  Other: \_\_\_\_\_

## DETAILED ACTION

1. This Office action is responsive to the application filed 12/30/2004. Claims 1-27 are presented for examination. Neither a preliminary amendment nor an Information Disclosure Statement (IDS) has been filed in the application.
  
2. The examiner requests, in response to this Office action, any documentation known to qualify as prior art under 35 U.S.C. sections 102 or 103 with respect to the invention as defined by the independent claims. That is, any prior art (including any documentation used to develop the disclosed/claimed subject matter, background art and any products for sale) similar to the claimed invention that could reasonably be used in a 102 or 103 rejection. Furthermore, if applicant has knowledge of/been made aware of an assertion (perhaps by another examiner in a rejection or in a court proceeding) that a present claim limitation(s) corresponds to (or exists in) a prior art device then such assertion must be provided to the examiner.

The examiner specifically requests disclosure of prior art having any of the following independent claim limitations (claims 1, 10, 22 and 27) that appear to represent the main invention(s)/embodiment(s):

Serially scanning at least a memory access mode and a system memory address into a control scan chain.

Collectively stepping the memory access mode and the system memory address from the control scan chain into an access register bank.

This request does not require a search. Support for this request is derived from 37 CFR 1.56 (applicants duty to disclose information exists with respect to each pending claim).

The request may be fulfilled by asking the attorney(s) of record handling prosecution and the inventor(s)/assignee for references qualifying as prior art. A simple statement that the query has been made and no prior art found is sufficient to fulfill the request. Otherwise, the fee and certification requirements of 37 CFR section 1.97 are waived for those documents submitted in reply to this request. This waiver extends only to those documents within the scope of this request that are included in the applicant's first complete communication responding to this requirement. Any supplemental replies subsequent to the first communication responding to this request and any information disclosures beyond the scope of this request are subject to the fee and certification requirements of 37 CFR section 1.97.

In the event documentation (e.g. newly submitted/Previously submitted on an IDS, incorporated by reference or "common knowledge" generally found in the background section but not a publication) is submitted in reply to this request, a discussion of relevant passages, figs. etc. with respect to the claims must be provided. That is, for at least each **independent** claim limitation listed above (including structural and functional language linking claim limitations, e.g. coupled to, responsive to), identify a corresponding prior art element by name, page, line and figure (if applicable). Since applicant is most knowledgeable of the present invention and submitted art, a discussion of the reference(s) with respect to the instant claims is essential.

In the present disclosure, the Background section identifies several prior art devices or systems. The examiner requests identification of at least each **independent** claim limitation identified in the list above that is known to exist in the background art discussed in the Background of the Invention section of the present specification. That is, for each claim limitation (including structural and functional limitations linking claim elements, e.g. coupled to,

responsive to) identify a corresponding prior art element by name, page, line, and figure (if applicable). Since applicant is most knowledgeable of the present invention and the background art, a discussion of the prior art with respect to the instant claims is essential. Applicant must specifically state that the independent claim limitations listed above do not exist in the prior art, if such is the case.

**The examiner also requests**, in response to this Office action, a showing of support for the following: Correlation and identification of what structure, material, or acts set forth in the specification would be capable of carrying out a function recited in the means plus function claim limitations of claim 27; All claim language that does not have antecedent basis in the Detailed Description of the Invention section of the specification. That is, if an exact claim limitation (language such as "the", "said", "a", "in", etc... need not be shown) cannot be found (e.g. by text searching), such claim limitation(s) must be identified. The examiner is aware that claim language and the specification need not be identical, however, differences must be brought to the attention of the examiner for a proper consideration under 112 1st paragraph.

Furthermore, if support for a claim limitation resides solely in the original claims, such limitation must be identified. A response to this request must be provided (e.g. by stating all claim language exists and/or has support in the descriptive portion of the specification, if such is the case); Claim language added to any present claims on amendment and any new claims. Indicate support for claim language/limitation(s) (including structural and functional language linking claim limitations, e.g. coupled to, responsive to) by specifically identifying a word or phrase corresponding to the claim language/limitation. Identify the word or phrase and the page(s) and line no(s). in the specification and/or drawings.

**Any response to this action should be mailed to:**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**or faxed to:**

(571) 273-8300, (for Official communications intended for entry)

**Or:**

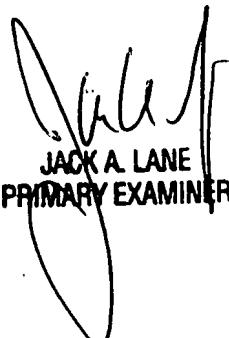
(571) 273-4208, (for Non-Official or draft communications, please label  
"Non-Official" or "DRAFT")

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack A. Lane whose telephone number is 571 272-4208. The examiner can normally be reached on Mon-Fri from 7:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sanjiv Shah can be reached on 571 272-4098.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571 272-2100.



JACK A. LANE  
PRIMARY EXAMINER